SCOTT J. SHACKELFORD JD, PH.D.

OFFICE ADDRESS
Department of Business Law & Ethics
Indiana University, Kelley School of Business
1309 E. Tenth St.
Bloomington, IN 47405
(812) 856-6728
sjshacke@indiana.edu

HOME ADDRESS

Bloomington, IN 47401

TABLE OF CONTENTS

ACADEMIC POSITIONS & TEACHING EXPERIENCE 2
ACADEMIC AWARDS & HONORS 5
FELLOWSHIPS 5
AFFILIATIONS 6
TEACHING HONORS 6
RESEARCH AND PUBLICATIONS 7
CITATION STATISTICS AS OF JULY 2015 13
PRESENTED PAPERS 14
OTHER CONFERENCE PARTICIPATION 18
VISITING SCHOLAR 22
INVITED TALKS 22
MEDIA COVERAGE OF RESEARCH 27
PROFESSIONAL EXPERIENCE 29
CYBERSECURITY CONSULTING 30
SERVICE TO INDIANA UNIVERSITY 30
GRANTS 32
COMMUNITY SERVICE 32
PROFESSIONAL SERVICE 33
PROFESSIONAL MEMBERSHIPS 33
BAR ADMISSION 33
SCIENCE WRITING 34
ADDITIONAL INFORMATION 34

EDUCATION

STANFORD LAW SCHOOL, J.D., June 2009

Honors: Graduated with Academic and Pro Bono Distinction; Jessup Moot Court Best Oralist Award

Journal: co-Editor-in-Chief, *Stanford Journal of International Law*

Activities: Founder, SLS Academy; Co-Creator, Stanford Elder Law Pro Bono Project; Member, Jessup International Law Moot Court Team; Teacher, Street Law; East Palo Alto Volunteer Attorney Program; Representative, Stanford Committee on Health and Safety; Author, *Stanford Judicial Review*; Finalist, Stanford Student Enterprises Ventures Competition

UNIVERSITY OF CAMBRIDGE, M.Phil. in International Relations, May 2006; Ph.D., May 2013

Honors: Graduated First (Highest Distinction)

Doctoral Dissertation: *Governing the Global Commons in International Law and Relations*

Activities: Convener, International Law Research Group; Section Editor, *Cambridge Review of International Affairs*; International Officer, Darwin College; Member, Darwin Men's Rowing Team

INDIANA UNIVERSITY, B.A., *summa cum laude*, in Economics and Political Science *with Honors*, August 2005, Minors in Spanish, International Studies, and Psychology, Liberal Arts Management Program Certificate

Honors: Early Admit, Phi Beta Kappa; 2005 Elvis J. Stahr Distinguished Senior Award Recipient; University of Pennsylvania Institute for Research into Cognitive Science 5th Annual Summer Fellowship; Justice, Indiana University Student Association Supreme Court

Study Abroad: University of Sussex, Development Studies (Brighton, UK, Jan.-June 2004); Universidad de Salamanca**,** Spanish Grammar, Conversation and History **(**Salamanca, Spain, June-Aug. 2003); Czech University of Economics, International Youth Leadership Conference (Prague, Czech Republic, Jan. 2003)

ACADEMIC POSITIONS & TEACHING EXPERIENCE

INDIANA UNIVERSITY KELLEY SCHOOL OF BUSINESS

Associate Professor of Business Law and Ethics, (July 2016-Present) Bloomington, IN

Assistant Professor of Business Law and Ethics, (July 2010-June 2016) Bloomington, IN

- Taught L201: The Legal Environment of Business, which is a survey business law course covering legal reasoning, torts, contracts, agency, employment, and international law
- Developed L302: Sustainability Law and Policy, a new, award-winning undergraduate survey course covering the economic, environmental, social, ethical, and legal aspects of sustainability, including U.S. environmental and international law
- Developed L272: Sustainability Down Under, a global business immersion core class focused on comparative sustainability law and policy in the U.S. and Australia, including an embedded travel component to Sydney and Canberra, Australia incorporating business, governmental, and cultural visits as well as an international service-learning project for the Australian Capital Territory Office of the Commissioner for Sustainability and the Environment

- Developed L580: Cybersecurity Law and Policy, a new, required Masters of Science in Information Systems course on U.S. and comparative cybersecurity best practices incorporating innovative consulting projects for the State of Indiana Office of Technology
- Developed T578: Cybersecurity Law and Policy, an online version of L580 for the MS in Information Technology Management program
- Developed, in collaboration with Prof. Sumit Ganguly and the Institute for Defense and Business (IDB), a Strategic Fellows Program for the U.S. Army that began in 2016 with 24 Captains and Majors participating
- Faculty facilitator for X576: Sustainability in Indonesia, an MBA emerging markets course focused on sustainable development in Indonesia including a two-week trip to the country to visit businesses, speak with policymakers, and attend cultural events (2013)
- Faculty facilitator for X576: Managing Geostrategic Risk in Eastern Europe, an MBA emerging markets course focusing on Turkey and Georgia including a two-week trip to Istanbul, Cappadocia, and Tbilisi to visit businesses, speak with policymakers, and attend cultural events (2015)
- Developed X574: Issues in International Business Law for the International Graduate Business School in Zagreb, Croatia, including special coverage of comparative sustainability law and policy, cybersecurity, and privacy with an emphasis on E.U. and U.S. law (2013, 2014)
- Developed B655: Information Privacy & Security Management Practicum for the Maurer School of Law (2015), which included an innovative applied service-learning project with the Town of Speedway, Indiana in partnership with the Indiana Office of Technology
- Created and facilitated a cybersecurity capstone project that included representatives from the Town of Speedway, IN, the Indiana National Guard, U.S. Cyber Command, and NATO for a joint program between the U.S. Army and IU in which 20-25 Army Captains and Majors receive international security training at IU-Bloomington
- Exec Ed Professor for C511: Organizational Development and Change, introducing U.S. and international law to executives from China International Marine Corporation (2013, 2014)
- Exec Ed Professor for C514: Managing Human Resources in a Global Environment, introducing data privacy and cybersecurity to executives from John Deere (2013, 2014)
- Exec Ed Professor for C514: Managing Human Resources in a Global Environment, introducing data privacy and cybersecurity to executives from Cummins (2013, 2014, 2015)
- Exec Ed Professor for C514: Managing Human Resources in a Global Environment, introducing students from the Purdue Agricultural School to U.S. law in a global context focusing on sustainable development and cybersecurity law and policy (2013, 2014)
- Exec Ed Professor for Z501: Leadership Assessment Preparation for Success, introducing students from Sungkyunkwan University (SKKU) to U.S. law in a global context and focusing on sustainable development and comparative cybersecurity law and policy (2014, 2015)
- Exec Ed Professor for C511: Organizational Development and Change, introducing a diverse group of professionals to U.S. and comparative cybersecurity law and policy

OSTROM WORKSHOP Bloomington, IN

Director, Program on Cybersecurity and Internet Governance, (Sept. 2016-Present)

- Assemble a critical mass of scholars in cybersecurity and Internet governance research across IU Bloomington and IUPUI as Workshop Affiliated Faculty

- ❖ Organize monthly seminars featuring invited papers and speakers to help deepen and enrich IU's cybersecurity and Internet governance research community
- ❖ Manage occasional conferences to bring together thought leaders and policymakers
- ❖ Serve on the Ostrom Workshop's Board of Directors
- ❖ Identify and invite occasional visiting scholars, who will be leaders in the cybersecurity and Internet governance fields, to come to the Ostrom Workshop and thereby help to further develop IU's intellectual ties in this space with the wider world
- ❖ Manage the Program's budget, which will be used for inviting speakers, organizing colloquia, engaging in research collaborations, compensating short-term visiting scholars, and otherwise building the Program in collaboration with other relevant academic units across campus

HARVARD UNIVERSITY BELFER CENTER, KENNEDY SCHOOL OF GOVERNMENT
Research Fellow, (Aug. 2016-Feb. 2017) Cambridge, MA

- ❖ Competitively selected as 2016-2017 research fellow with the Science, Technology, and Public Policy Program's Cyber Security Project at the Belfer Center for Science and International Affairs at the Harvard Kennedy School
- ❖ Active participant in Belfer intellectual life, including participating in group meetings, fellows' meetings, the Belfer seminar series, and affiliate Kennedy programs
- ❖ Collaborated on a number of joint cybersecurity research projects with colleagues across Harvard and beyond

STANFORD UNIVERSITY HOOVER INSTITUTION Stanford, CA
W. Glenn Campbell and Rita Ricardo-Campbell National Fellow, (Aug. 2014-Dec. 2014)

- ❖ Awarded a competitive research fellowship at the Hoover Institution, which has been rated as the top think tank in the world, to pursue my project "Toward a State-Centric Cyberspace?" exploring the role of national cybersecurity strategies in advancing a culture of cyber peace
- ❖ Chosen to receive the 2014-15 Edward Teller National Fellowship at Hoover
- ❖ Selected as a 2014-15 Visiting Scholar, Stanford Law School

UNIVERSITY OF NOTRE DAME South Bend, IN
Visiting Assistant Professor & Distinguished Fellow, (Aug. 2013-Dec. 2013)

- ❖ Competitively selected out of a field of more than 200 applicants as a distinguished fellow housed at the Institute for Advanced Study
- ❖ Conducted interdisciplinary research on sustainable development and the ethical dimensions of contemporary cybersecurity challenges including cyber warfare
- ❖ Invited to present research in interdisciplinary forums across campus, including Notre Dame Law School and the John J. Reilly Center for Science, Technology, and Values

UNIVERSITY OF CAMBRIDGE
Convener, Research Group on International Law, (Oct. 2009-Oct. 2010) Cambridge, England

- ❖ Organized sessions on current topics in international law for the Cambridge Centre of International Studies in conjunction with the Lauterpacht Center for International Law
- ❖ Chaired talk for Dr. Marc Weller of the Cambridge Centre for International Studies who presented his paper on the failure of legal advisors on the lead up to the war in Iraq

STANFORD UNIVERSITY
Teaching Assistant, (Sep. 2008-Jan. 2009) Stanford, CA

- ❖ Teaching assistant for Introduction to American Law taught by Prof. Lawrence Friedman

- Received outstanding evaluations from students (available upon request)

INDIANA UNIVERSITY
Business Law and Economics Instructor, (Jan. 2003-May 2005) Bloomington, IN
- Wrote lesson plans and taught three hours of supplemental instruction weekly for more than 300 business law and economics students

ACADEMIC AWARDS & HONORS

- Winner, 2015 Elinor Ostrom Award for Collective Governance of Common Resources (*Junior Scholar Category*)
- Winner, 2015 Distinguished Junior Faculty Award (*the most prestigious award available to tenure-track faculty from the international Academy of Legal Studies in Business*)
- Winner, 2015 Hoeber Memorial Award (*honoring the best peer-reviewed best article published in the prior volume of the* American Business Law Journal *as judged by a panel of former ABLJ Editors in Chief*)
- Winner, 2015 Kelley School of Business Research Award (*honoring the most productive Assistant Professor in the School*)
- Winner, 2014 IU-Bloomington Outstanding Junior Faculty Award (*the most prestigious award available to tenure-track faculty at Indiana University*)
- Stephen M. Kellen Term Member, Council on Foreign Relations (2014-19)
- IU Nominee, Carnegie Fellows Program (2015, 2016)
- Nominated for Poets & Quants "40 Under 40" Best Business Professors Series (2015)
- Fulbright Specialist Award in Law at Economics Institute, University of Zagreb, Croatia (2013)
- Winner, 2013 Academy of Legal Studies in Business (ALSB) Outstanding Proceedings Paper Award
- Article *Governing the Final Frontier: A Polycentric Approach to Managing Space Weaponization and Debris* selected as a Distinguished Paper for the Academy of Legal Studies in Business National Conference (2013)
- Competitively selected to participate in short-term IU faculty exchange program with National Institute of Development Administration located in Bangkok, Thailand, to collaborate with local cybersecurity scholars and teach a graduate-level business law course (2016)
- Indiana University Center for International Business Education & Research (CIBER) U.S. Department of Education Grant (2011)
- Indiana University Office of the Vice President for International Affairs Overseas Research Grant (2011)
- Department of Defense National Defense University Grant Recipient for Research on Cybersecurity Law and Policy (2011)
- Stanford Law School Steven Block Civil Liberties Award for Writing on Civil Rights (2009)
- Rotary Ambassadorial Scholarship, State of Indiana (2006)
- Cambridge Overseas and European Trusts Bursary Awards (2006)
- Selected for inclusion in the Academic Keys Who's Who in Business Higher Education

FELLOWSHIPS

- Cybersecurity Research Fellowship, Science, Technology, and Public Policy Program, Belfer Center for Science and International Affairs, Harvard Kennedy School (2016-17)

- W. Glenn Campbell and Rita Ricardo-Campbell National Fellowship at the Hoover Institution, Stanford University (2014-15)
- Edward Teller National Fellowship, Hoover Institution, Stanford University (2014-15)
- Notre Dame Institute for Advanced Study Distinguished Visiting Fellowship (2013-14)
- Visiting Scholar, Stanford Law School (2014-Present)
- Senior Fellow, Indiana University Center for Applied Cyber Security Research (2011-Present)
- Service-Learning Faculty Fellow (2011-12)
- Stanford Center on International Conflict and Negotiation Fellowship (2008)
- Stanford Law School Public Interest Fellowship (2007)
- National Security Education Program Graduate Boren Fellowship (2007)

AFFILIATIONS

- Visiting Scholar, Stanford Law School (2014-16)
- Affiliate Scholar, Stanford Center for Internet and Society (2014-16)
- Core Faculty, Indiana University School for Global and International Studies
- Affiliated Faculty, Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis
- Affiliated Faculty & Advisory Board Member, Center on American and Global Security
- Affiliated Faculty, Center for Law, Society, and Culture
- Affiliated Faculty, Maurer School of Law
- Affiliated Faculty, Liberal Arts Management Program (LAMP)
- Affiliated Faculty, Indiana University Center for the Study of Global Change
- Affiliated Faculty, Indiana University Institute for European Studies
- Affiliated Faculty, Indiana University Integrated Program in the Environment
- Affiliated Faculty, Russian and East European Institute
- Affiliated Faculty, Emerging Technologies of National Security and Intelligence, John J. Reilly Center, University of Notre Dame
- Researcher, Institute for National Security Studies at National Defense University

TEACHING HONORS

- Winner, 2015 Sauvain Undergraduate Teaching Award (*recognizes excellence in teaching philosophy and techniques of tenure-track faculty*)
- Winner, 2015 Elvin S. Eyster Teaching Scholar (*recognizes excellence in the creation, utilization, and dissemination of knowledge that enhances the teaching and learning process*)
- Winner, 2014 IU Sustainability Course Development Fellowship for Global Business Immersion L272: Sustainability Down Under
- Recipient, 2014 Campus Writing Program Summer Writing-Teaching Grant
- Winner, 2012 Campus Sustainability Award for Teaching Excellence, http://newsinfo.iu.edu/news/page/normal/23483.html
- Winner, 2012 Kelley School of Business Innovative Teaching Award
- Winner, 2011 Indiana University Trustees' Teaching Award for Excellence (*bestowed under the auspices of the Indiana University Trustees in recognition of the University's most distinguished teachers*)
- Winner, IU Sustainability Course Development Fellowship for L302: Sustainability Law and Policy (2011)

- ❖ Sustainability course featured in *Inside IU*: Steve Hinnefeld, *Kelley Sustainability Course Breaks New Ground*, INSIDE IU (Aug. 15, 2012), http://inside.iu.edu/editors-picks/campus-life/8-15-12-kelley-sustain.shtml
- ❖ Recognized as being in top three percent of all instructors at the Kelley School of Business based on student evaluations (2011)
- ❖ Nominated for Indiana University Student Choice Award for Outstanding Faculty Members in 2011 and 2012
- ❖ L302: Sustainability Law & Policy course featured in the Academy of Legal Studies in Business Environmental-Sustainability Newsletter

RESEARCH AND PUBLICATIONS

RESEARCH INTERESTS

- Cybersecurity law and policy
- International law and relations
- Privacy and comparative property rights
- Sustainability law and policy

BOOKS

1. MANAGING CYBER ATTACKS IN INTERNATIONAL LAW, BUSINESS AND RELATIONS: IN SEARCH OF CYBER PEACE (Cambridge University Press, 2014) (reviewed by Richard Clarke (Good Harbor Consulting); Dr. Hamadoun I. Touré, former Secretary-General, International Telecommunication Union; Prof. Michael Schmitt (Naval War College); Prof. Paul Rosenzweig (Georgetown University); Prof. Mary Ellen O'Connell (University of Notre Dame); Prof. Don Howard (University of Notre Dame); Prof. Sean Watts (Creighton University); Brad Wheeler (CIO, Indiana University); and Charles Bjork (American Association of Law Libraries), *available at* http://tinyurl.com/zwqwdqz).
2. ERIC RICHARDS & SCOTT SHACKELFORD, LEGAL AND ETHICAL ASPECTS OF INTERNATIONAL BUSINESS (Wolters Kluer Law, 2014).

ARTICLES

3. *When Toasters Attack: Enhancing the 'Security of Things' through Polycentric Governance*, 2017 UNIVERSITY OF ILLINOIS LAW REVIEW __ (forthcoming 2017) (with Anjanette Raymond, Danuvasin Charoen, Rakshana Balakrishnan, Prakhar Dixit, Julianna Gjonaj, & Rachith Kavi).
4. *Making Democracy Harder to Hack: Should Elections be Classified as 'Critical Infrastructure?'*, __ MICHIGAN JOURNAL OF LAW REFORM __ (forthcoming 2017) (with Michael Sulmeyer, Bruce Schneier, Anne Boustead, Ben Buchanan, Amanda Craig, Trey Herr, & Jessica Malekos Smith).
5. *iGovernance: The Future of Multi-Stakeholder Internet Governance in the Wake of the Apple Encryption Saga*, __ UNIVERSITY OF NORTH CAROLINA JOURNAL OF INTERNATIONAL LAW__ (forthcoming 2017) (with Eric Richards, Anjanette Raymond, Jaclyn Kerr, & Andreas Kuehn).
6. *Paris, Panels, and Protectionism: Matching U.S. Rhetoric with Reality to Save the Planet*, __ VANDERBILT JOURNAL OF ENTERTAINMENT AND TECHNOLOGY LAW __ (forthcoming 2017) (with Abbey Stemler & Eric Richards).
7. *Human Rights and Cybersecurity Due Diligence: A Comparative Study*, __ MICHIGAN JOURNAL OF LAW REFORM __ (forthcoming 2017).

8. *On Climate Change and Cyber Attacks: Leveraging Polycentric Governance to Mitigate Global Collective Action Problems*, 18 VANDERBILT JOURNAL OF ENTERTAINMENT AND TECHNOLOGY LAW 653 (2016).
9. *Sustainable Cybersecurity: Applying Lessons from the Green Movement to Managing Cyber Attacks*, 2016 UNIVERSITY OF ILLINOIS LAW REVIEW __ (forthcoming 2016) (with Timothy Fort & Danuvasin Charoen).
10. *Unpacking the International Law on Cybersecurity Due Diligence: Lessons from the Public and Private Sectors*, 17 CHICAGO JOURNAL OF INTERNATIONAL LAW 1 (2016) (with Scott Russell & Andreas Kuehn).
11. *A State-Centric Cyber Peace? Analyzing the Current State and Impact of National Cybersecurity Strategies on Enhancing Global Cybersecurity*, 18 NEW YORK UNIVERSITY JOURNAL OF LEGISLATION AND PUBLIC POLICY 895 (2016) (with Andraz Kastelic).
12. *The Little Angel on Your Shoulder: Prompting Employees to Do the Right Thing Through the Use of Wearables*, 14 NORTHWESTERN JOURNAL OF TECHNOLOGY AND INTELLECTUAL PROPERTY __ (forthcoming 2016) (with Timothy L. Fort & Anjanette Raymond).
13. *Bottoms Up: A Comparison of "Voluntary" Cybersecurity Frameworks*, __ UNIVERSITY OF CALIFORNIA DAVIS BUSINESS LAW JOURNAL __ (forthcoming 2016) (with Scott Russell & Jeffrey Haut).
14. *Operationalizing Cybersecurity Due Diligence: A Transatlantic Case Study*, __ UNIVERSITY OF SOUTH CAROLINA LAW REVIEW __ (forthcoming 2016) (with Scott Russell) (invited symposium article).
15. *Securing North American Critical Infrastructure: A Comparative Case Study in Cybersecurity Regulation*, 40 CANADA-U.S. LAW JOURNAL __ (forthcoming 2016) (with Zachary Bohm) (invited symposium article).
16. *Protecting Intellectual Property and Privacy in the Digital Age: The Use of National Cybersecurity Strategies to Mitigate Cyber Risk*, __ CHAPMAN LAW REVIEW __ (forthcoming 2016) (invited symposium article).
17. *Businesses and Cyber Peace: We Need You!*, __ BUSINESS HORIZONS __ (2016) (with Scott Russell) (invited article for special issue on business and peace).
18. *Seeking a Safe Harbor in a Widening Sea: Unpacking the EJC's Schrems Decision and What it Means for Transatlantic Relations*, __ SETON HALL JOURNAL OF DIPLOMACY AND INTERNATIONAL RELATIONS __ (forthcoming 2016).
19. *Proactive Cybersecurity: A Comparative Industry and Regulatory Analysis*, 18 AMERICAN BUSINESS LAW JOURNAL 721 (2015) (with Amanda Craig and Janine Hiller).
20. *Jury Glasses: Wearable Technology and its Role in Crowdsourcing Justice,* 17 CARDOZO JOURNAL OF CONFLICT RESOLUTION 115 (2015) (with Anjanette Raymond).
21. *Toward a Global Standard of Cybersecurity Care?: Exploring the Implications of the 2014 Cybersecurity Framework on Shaping Reasonable National and International Cybersecurity Practices*, 50 TEXAS INTERNATIONAL LAW JOURNAL 287 (2015) (with Andrew Proia, Amanda Craig, & Brenton Martell) (invited symposium article).
22. *Rhetoric Versus Reality: U.S. Resistance to Global Trade Rules and the Implications for Cybersecurity and Internet Governance*, 24 MINNESOTA JOURNAL OF INTERNATIONAL LAW 1 (2015) (with Eric Richards & Abbey Stemler) (invited symposium article).
23. *Risky Business: Lessons for Mitigating Cyber Attacks from the International Insurance Law on Piracy*, 24 MINNESOTA JOURNAL OF INTERNATIONAL LAW ONLINE 33 (2015) (with Scott Russell) (invited symposium article).

24. *Above the Cloud: Enhancing Cybersecurity in the Aerospace Sector*, __ FLORIDA INTERNATIONAL UNIVERSITY LAW REVIEW __ (forthcoming 2015) (with Scott Russell) (invited symposium article).
25. *How Businesses Can Promote Cyber Peace*, 36 UNIVERSITY OF PENNSYLVANIA JOURNAL OF INTERNATIONAL LAW 353 (2015) (with Timothy Fort and Jamie Prenkert).
26. *Back to the Future of Internet Governance?*, GEORGETOWN JOURNAL OF INTERNATIONAL AFFAIRS 81 (2015) (with Jackie Kerr, Elaine Korzak, Andreas Kuehn, and Enrique Oti) (invited piece published by the Edmund A. Walsh School of Foreign Service at Georgetown University).
27. *Using BITs to Protect Bytes: Promoting Cyber Peace and Safeguarding Trade Secrets through Bilateral Investment Treaties*, 52 AMERICAN BUSINESS LAW JOURNAL 1 (2015) (with Eric Richards, Anjanette Raymond, & Amanda Craig) (lead article) (winner of the 2015 Hoeber Memorial Award honoring the most outstanding ABLJ article from the prior volume).
28. *Success Paths to Sustainable Manufacturing*, SPEA (2015) (with Shahzeen Attari, Sanya Carley, and Jerry Jasinowski).
29. *Building the Virtual Courthouse: Ethical Considerations for Design, Implementation, and Regulation in the World of ODR*, 2014 WISCONSIN LAW REVIEW 615 (with Anjanette Raymond).
30. *Business, Human Rights, and the Promise of Polycentricity*, 47 VANDERBILT JOURNAL OF TRANSNATIONAL LAW 451 (2014) (with Jamie Prenkert).
31. *Technology, Ethics And Access To Justice: Should An Algorithm Be Deciding Your Case?*, 35 MICHIGAN JOURNAL OF INTERNATIONAL LAW 101 (2014) (with Anjanette Raymond).
32. *Beyond the New 'Digital Divide': Analyzing the Evolving Role of Governments in Internet Governance and Enhancing Cybersecurity*, 50 STANFORD JOURNAL OF INTERNATIONAL LAW 119 (2014) (with Amanda Craig) (invited symposium article).
33. *Hacking the Planet, the Dalai Lama, and You: Managing Technical Vulnerabilities in the Internet through Polycentric Governance*, 24 FORDHAM INTELLECTUAL PROPERTY, MEDIA & ENTERTAINMENT LAW JOURNAL 381 (2014) (with Amanda Craig).
34. *Neither Magic Bullet Nor Lost Cause: Land Titling and the Wealth of Nations*, 21 NEW YORK UNIVERSITY ENVIRONMENTAL LAW JOURNAL 272 (2014).
35. *Governing the Final Frontier: A Polycentric Approach to Managing Space Weaponization and Debris*, 51 AMERICAN BUSINESS LAW JOURNAL 429 (2014).
36. *Toward Cyberpeace: Managing Cyber Attacks through Polycentric Governance*, 62 AMERICAN UNIVERSITY LAW REVIEW 1273 (2013).
37. *Should Your Firm Invest in Cyber Risk Insurance?*, 55 BUSINESS HORIZONS 349 (July-Aug. 2012).
38. *Fragile Merchandise: A Comparative Analysis of the Privacy Rights of Public Figures*, 19 AMERICAN BUSINESS LAW JOURNAL 125 (2012).
39. *Was Selden Right? The Expansion of Closed Seas and its Consequences*, 47 STANFORD JOURNAL OF INTERNATIONAL LAW 1 (2011) (lead article).
40. *The Tragedy of the Common Heritage of Mankind*, 28 STANFORD ENVIRONMENTAL LAW JOURNAL 109 (2009).
41. *From Net War to Nuclear War: Analogizing Cyber Attacks in International Law*, 27 BERKELEY JOURNAL OF INTERNATIONAL LAW 192 (2009) (cited more than 100 times as of March 2015).

42. *Cyber Peace*, ROCKY MOUNTAIN LAW JOURNAL PROCEEDINGS (2011).
43. *Estonia Three Years Later: A Progress Report on Combating Cyber Attacks*, 13 JOURNAL OF INTERNET LAW 22 (2010).
44. *Legally Incompetent: A Research Note*, 49 AMERICAN JOURNAL OF LEGAL HISTORY 321 (2009) (with Lawrence M. Friedman).
45. *Habeas Corpus Writ of Liberty,* Boumediene *and Beyond*, 57 CLEVELAND STATE LAW REVIEW 671 (2009).
46. *From Asian Politics to Astropolitics: The History and Future Shape of Asian Space Policy*, 58 PROCEEDINGS OF THE INTERNATIONAL ASTRONAUTICAL FEDERATION (2007).
47. *Nuclear Power: The Nucleus of Energy Independence? An Analysis of International Energy Policy*, 15 ISSUES IN POLITICAL ECONOMY (2006).
48. *Go or No Go: The Future of Manned Space Flight,* PROCEEDINGS OF THE SPACE EXPLORATION CONFERENCE (2005).

BOOK CHAPTERS, COMMENTS & REVIEWS

49. *Defining Cybersecurity Due Diligence Under International Law*, *in* ETHICS AND POLICIES FOR CYBER WARFARE __ (Oxford University Press, Mariarosaria Taddeo ed., 2016).
50. *The Common Heritage of Mankind*, *in* ESSENTIAL CONCEPTS OF GLOBAL ENVIRONMENTAL GOVERNANCE 34 (Jean- Frédéric Morin & Amandine Orsini eds., 2014).
51. *The Coming Age of Internet Sovereignty?*, *in* OPPOSING VIEWPOINTS: INTERNET CENSORSHIP (Lynn M. Zott ed., 2014).
52. *Review—Space Policy in Developing Countries*, E-INTERNATIONAL RELATIONS (Aug. 21, 2012), http://www.e-ir.info/2012/08/21/review-space-policy-in-developing-countries/ (reviewing ROBERT HARDING, SPACE POLICY IN DEVELOPING COUNTRIES: THE SEARCH FOR SECURITY AND DEVELOPMENT ON THE FINAL FRONTIER for the world's leading international relations website).
53. *The Wonders of the Future*, THIS I BELIEVE: ON FATHERHOOD 58 (Dan Gediman, John Gregory, & Mary Jo Gediman eds., 2011).
54. *Water in Africa*, 43 INTERNATIONAL LAWYER YEAR-IN REVIEW (2009).
55. *In the Name of Efficiency: The Role of Permanent Lok Adalats in the Indian Justice System and Power Infrastructure*, *in* GLOBAL GOVERNANCE, DEVELOPMENT AND HUMAN RIGHTS (Manoj Kumar Sinha ed., 2008).
56. *The International Court of Justice Decision on Bosnian Genocide*, 42 INTERNATIONAL LAWYER YEAR-IN REVIEW (2008).
57. *Property Rights in the Commons*, BRISTOL JOURNAL INTERNATIONAL AFFAIRS (Feb. 2006).
58. 92 STANFORD JOURNAL OF INTERNATIONAL LAW 115 (2009) (reviewing GUS VAN HARTEN, PUBLIC LAW AND INVESTMENT TREATY ARBITRATION).
59. 36 INTERNATIONAL JOURNAL OF LEGAL INFORMATION (2008) (reviewing J. PAUL LOMIO AND HENRIK SPANG-HANSSEN, LEGAL RESEARCH METHODS IN THE U.S. AND EUROPE).
60. 43 STANFORD JOURNAL OF INTERNATIONAL LAW 329 (2007) (reviewing OBIJIOFOR AGINAM, GLOBAL HEALTH GOVERNANCE: INTERNATIONAL LAW AND PUBLIC HEALTH IN A DIVIDED WORLD).

ESSAYS & REPORTS

61. *Opinion: How to Fix an Internet of Broken Things*, CHRISTIAN SCIENCE MONITOR PASSCODE (Oct. 26, 2016), http://www.csmonitor.com/World/Passcode/Passcode-Voices/2016/1026/Opinion-How-to-fix-an-internet-of-broken-things.

62. *Decrypting the Global Encryption Debate*, HUFFINGTON POST (Oct. 20, 2016), http://www.huffingtonpost.com/entry/5808d3f9e4b00483d3b5d0bf?timestamp=1476973934812.
63. *Fostering Cyberpeace is no Easy Feat*, SAN FRANCISCO DAILY JOURNAL (Sept. 28, 2016), at 6.
64. *Zoom Inside: The Case for Cybersecurity Clinics and What They Can Teach Your Firm*, SECURITY ROUNDTABLE (Sept. 26, 2016), https://www.securityroundtable.org/zoom-inside-the-case-for-cybersecurity-clinics-and-what-they-can-teach-your-firm/.
65. *When Toasters Attack: 5 Steps to Improve the Security of Things*, CYBER MAGAZINE (Sept. 8 2016), http://magazine.milcyber.org/stories/whentoastersattack5stepstoimprovethesecurityofthings.
66. *Rio 2016 — A Gold Medal For Cybersecurity?*, HUFFINGTON POST (Aug. 12, 2016), http://www.huffingtonpost.com/scott-j-shackelford/rio-2016-a-gold-medal-for_b_11459586.html.
67. *Opinion: How to Make Democracy Harder to Hack*, CHRISTIAN SCIENCE MONITOR (July 29, 2016), http://www.csmonitor.com/World/Passcode/Passcode-Voices/2016/0729/Opinion-How-to-make-democracy-harder-to-hack.
68. *Commons Sense*, COMMONS DIGEST (2016).
69. *Up From Below: Tackling Cyber Threats*, POLICY FORUM (Mar. 2016), http://www.policyforum.net/up-from-below-tackling-cyber-threats/ (public face of the *Crawford School* and the *Asia and the Pacific Policy Society* focusing on Asia-Pacific relations).
70. *IN-ISAC and IU: A Partnership to Enhance Hoosier Cybersecurity*, IN-ISAC SENTINEL (Feb. 2016), http://www.in.gov/isac/files/IN-ISAC_and_IU__A_Partnership_to_Enhance_Hoosier_Cybersecurity.pdf.
71. *Opinion: Forget about Safe Harbor. Modernize Global Privacy Law Instead*, CHRISTIAN SCIENCE MONITOR (Jan. 27, 2016), http://www.csmonitor.com/World/Passcode/Passcode-Voices/2016/0127/Opinion-Forget-about-Safe-Harbor.-Modernize-global-privacy-law-instead.
72. *On Climate Change and Cyber Attacks*, WORLD POST (Dec. 1, 2015) (a partnership between the *Huffington Post* and the Berggruen Institute), http://www.huffingtonpost.com/scott-j-shackelford/on-climate-change-and-cyb_b_8682376.html.
73. *Enhancing EU Cybersecurity Due Diligence*, ACADEMIC INPUT STATEMENT TO THE EUROPEAN PARLIAMENT (Nov. 2015).
74. *Seeking a Safe Harbor in a Widening Sea*, COLUMBIA LAW SCHOOL BLUE SKY BLOG (Nov. 4, 2015), http://clsbluesky.law.columbia.edu/2015/11/04/seeking-a-safe-harbor-in-a-widening-sea/ (republished by the *Huffington Post*).
75. *Another 'Back to the Future' Moment - 27 Years After the World's First Cyber Attack*, HUFFINGTON POST (Oct. 30, 2015), http://www.huffingtonpost.com/scott-j-shackelford/another-back-to-the-future-moment_b_8428352.html.
76. *Understanding Cybersecurity Due Diligence*, HUFFINGTON POST (Sept. 16, 2015), http://www.huffingtonpost.com/scott-j-shackelford/understanding-cybersecuri_b_8140648.html.
77. *Sustainable Cybersecurity*, HUFFINGTON POST (Apr. 2, 2015), http://www.huffingtonpost.com/scott-j-shackelford/sustainable-cybersecurity_b_6988050.html.

78. *Opinion: After High-Profile Hacks, it's Time for a Bolder Approach to Cybersecurity*, CHRISTIAN SCIENCE MONITOR (Feb. 27, 2015), http://m.csmonitor.com/World/Passcode/Passcode-Voices/2015/0227/Opinion-After-high-profile-hacks-it-s-time-for-a-bolder-approach-to-cybersecurity.
79. *Corporate Social Responsibility is Now Legal*, 24 BUSINESS LAW TODAY (Jan. 2015), http://www.americanbar.org/publications/blt/2015/01.html (with Ashley Walter).
80. *Could North Korea Take Over the Internet?*, HUFFINGTON POST (Dec. 21, 2014), http://www.huffingtonpost.com/scott-j-shackelford/could-north-korea-take-ov_b_6361604.html.
81. *Exploring the Meaning of Cyber Peace*, CAMBRIDGE UNIVERSITY PRESS (Aug. 21, 2014), http://www.cambridgeblog.org/2014/08/exploring-the-meaning-of-cyber-peace/.
82. *Toward a Positive Cyber Peace*, HUFFINGTON POST (June 23, 2014), http://www.huffingtonpost.com/scott-j-shackelford/toward-a-positive-cyber-p_b_5511877.html.
83. *Why Ignoring the NIST Framework Could Cost You*, HUFFINGTON POST (May 2, 2014), http://www.huffingtonpost.com/scott-j-shackelford/why-ignoring-the-nist-fra_b_5244112.html (with Andrew Proia).
84. *On Zombies and Cyber Attacks*, HUFFINGTON POST (Feb. 18, 2014), http://www.huffingtonpost.com/scott-j-shackelford/on-zombies-and-cyber-atta_b_4809345.html.
85. *The Meaning of Cyber Peace*, NOTRE DAME INSTITUTE FOR ADVANCED STUDY QUARTERLY (Oct. 2013).
86. *Time for a South China Sea Council*, HUFFINGTON POST (June 18, 2013), http://www.huffingtonpost.com/scott-j-shackelford/time-for-a-south-china-se_b_3442529.html.
87. *The Coming Age of Internet Sovereignty?*, HUFFINGTON POST (Jan. 10, 2013), http://www.huffingtonpost.com/scott-j-shackelford/internet-sovereignty_b_2420719.html.
88. *How to Enhance Cybersecurity and Create American Jobs*, HUFFINGTON POST (July 16, 2012), http://www.huffingtonpost.com/scott-j-shackelford/how-to-enhance-cybersecurity_b_1673860.html.
89. *In Search of Cyber Peace: A Response to the Cybersecurity Act of 2012*, 64 STANFORD LAW REVIEW ONLINE 106 (Mar. 8, 2012), http://www.stanfordlawreview.org/online/cyber-peace.
90. *In Search of Cyber Peace: A Response to the Cybersecurity Act of 2012*, HUFFINGTON POST (Mar. 27, 2012, 11:37am), http://www.huffingtonpost.com/scott-j-shackelford/cybersecurity-act_b_1382552.html (abbreviated version of *Stanford Law Review Online* article).
91. *Settling Space Requires Much Cooperation*, HERALD TIMES, Feb. 21, 2012, at A8.
92. *Prosecuting Genocide: Reflecting on the Vuković Decision*, JURIST - HOTLINE (Feb. 8, 2012), http://jurist.org/hotline/2012/02/scott-shackelford-srebrenica.php.
93. *Scott James Shackelford on the New Cybersecurity Survey Results*, YOUGOV (July 11, 2011), https://d25d2506sfb94s.cloudfront.net/cumulus_uploads/document/ufmvm5vtf5/YGCam-Archives-YGCam-CyberSecurityReport.pdf.
94. *Cybersecurity: How to Crash the Internet*, YOUGOV (Oct. 27, 2011), https://yougov.co.uk/news/2011/10/27/cybersecurity-how-crash-internet/.
95. *SHACKELFORD: Hacking of Sony Could Finally Trigger Tough Action*, WASHINGTON TIMES (May 12, 2011), http://www.washingtontimes.com/news/2011/may/12/getting-a-grip-on-our-electronic-lives/.

96. *Defining Privacy in the Information Age*, ARIZONA STATE LAW JOURNAL (Apr. 8, 2011), http://asulawjournal.lawnews-asu.org/?p=191.
97. *Defining Privacy in the Information Age*, YOUGOV (May 1, 2011), http://www.yougov.polis.cam.ac.uk/scott-james-shackelford-privacy-information-age.
98. *Fight Back Against Cyber-Zombies*, HERALD TIMES, Nov. 14, 2010.
99. *Getting Burma Back Online*, HUFFINGTON POST (Nov. 5, 2010), http://www.huffingtonpost.com/scott-shackelford/getting-burma-back-online_b_779758.html.
100. *Google Needs Help Against Online Attackers*, SAN FRANCISCO CHRONICLE, Jan. 24, 2010, at E-4.
101. Scott Shackelford & Ashley Walter, *An Unconventional Class Trip*, STANFORD MAGAZINE (Mar. 2010).
102. Amanda Craig & Scott Shackelford, *Universal Pictures*, STANFORD MAGAZINE (Jan. 2009).
103. *The Next Generation of Law Teachers*, STANFORD LAWYER (Oct. 2008).
104. *Worlds Without End*, STANFORD MAGAZINE (Oct. 2007).
105. *A New Vision*, INDIANA ALUMNI MAGAZINE (July 2006).
106. Co-author, *The Water Resource Management Act of Namibia*, STANFORD LAW SCHOOL MILLS CLINICS (2009).
107. *Space, Power, and Politics in Asia*, INSTITUTE FOR PEACE AND CONFLICT STUDIES #2330, July 4, 2007.

WORKS IN PROGRESS

108. *The Law of Cyber Peace*
109. *Collective Action and the Future of Socially Responsible Corporate Law: Unpacking the Rise of Benefit Corporations*
110. *Block-by-Block*
111. *Cybersecurity as Corporate Social Responsibility: Implications and Analysis*
112. *Cyber Silent Spring*
113. *Governing the Global Commons in the Twenty-First Century* (doctoral dissertation)

CITATION STATISTICS AS OF OCTOBER 2016

SSRN

The Social Science Research Network (SSRN) is the largest interdisciplinary social science academic network in the world with more than 500,000 papers uploaded as of October 2016.

- **Author Rank** – 2,274 out of 321,807 **(top 1%)**
- **Author Rank from last 12 Months** – 405 out of 321,807
- **Total Paper Downloads** – 11,627
- **Total Abstract Views** – 51,500
- **Sample of Professors Citing Work** – Professor Oona Hathaway, Yale Law School; Professor Mary Ellen O'Connell, University of Notre Dame Law School; Professor Catherine Lotrionte, Georgetown University; Lawrence Gordon, University of Maryland Business School

- **Sample of Outlets in which Scholarship has been Cited** – *Harvard Law Review*, *University of Chicago Law Review, University of Pennsylvania Law Review*, *Georgetown Law Review*, *George Washington Law Review*, *Yale Journal of International Law*

BEPRESS

Bepress, formerly the Berkeley Electronic Press, was established by academics in 1999 and today acts as both a substantial research database and submissions engine.

- **Total Paper Downloads** – 13,512
- **Total Search Queries** – 1,931

GOOGLE SCHOLAR

Google Scholar provides live citation tracking across numerous compendiums and platforms.

- **Total Citations** – 562

PRESENTED PAPERS

UNIVERSITY OF NORTH CAROLINA LAW SCHOOL
Presenter, Nov. 4, 2016 Chapel Hill, NC

❖ Presented *iGovernance: The Future of Multi-Stakeholder Internet Governance in the Wake of the Apple Encryption Saga* at UNC's symposium on 'Cyberwarfare and International Law'

SECURITY OF THINGS FORUM
Presenter, Oct. 27, 2016 Washington, DC

❖ Presented two papers—*When Toasters Attack* and *How to Make Democracy Harder to Hack*—at this leading industry forum organized by the *Christian Science Monitor* that regularly brings together thought leaders around Internet of Things security issues

U.S. NAVAL ACADEMY CYBERSECURITY CONFERENCE
Presenter, Oct. 18, 2016 Annapolis, MD

❖ Presented research on cybersecurity due diligence and the NIST Cybersecurity Framework at an invitation-only gathering entitled *Developing a Normative Framework for Cyberwarfare*, which was comprised of cybersecurity experts from philosophy, ethics, law, and technology

ACADEMY FOR LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 8, 2016 San Juan, Puerto Rico

❖ Presented *Collective Action and the Future of Socially Responsible Corporate Law: Unpacking the Rise of Benefit Corporations* with co-author Virginia Tech Professor Janine Hiller

PREVENTING AND COMBATING CYBERCRIME
Presenter, May 20-21, 2016 Cluj-Napoca, Romania

❖ Invited to participate in this cybersecurity conference co-sponsored by the U.S. Secret Service; Faculty of Law, Babes-Bolyai University; the the Embassy of the Kingdom of the Netherlands in Romania; the Romanian Data Protection Authority; and Western Union.
❖ Presented research on the spread of bottoms-up cybersecurity governance focusing on the EU

BUSINESS HORIZONS PEACE FORUM
Presenter, May 2016

- Invited to present "Businesses and Cyber Peace: We Need You!" as part of an online conference forum by Professor Timothy Fort as part of a special edition of *Business Horizons* focused on businesses and peacebuilding

CYBERSECURITY FORUM FOR INDEPENDENT AND EXECUTIVE BRANCH REGULATORS
Presenter, Apr. 21, 2016 Washington, DC

- Invited to present paper investigating the utility of bottoms-up cybersecurity governance in addressing the cyber risk faced by executive branch agencies to a multi-stakeholder gathering that included representatives from the Securities and Exchange Commission, Comptroller of the Currency, and the Department of Commerce, among other agencies

NATIONAL INSTITUTE FOR DEVELOPMENT ADMINISTRATION (NIDA)
Presenter, Mar. 31, 2016 Bangkok, Thailand

- Member of official IU delegation that included President Michael McRobbie celebrating the 50th anniversary of NIDA, a leading university in Thailand, which IU helped to start in 1966
- Invited to present "Sustainable Cybersecurity" on applying lessons from the sustainability movement to mitigating cyber risk

ZICKLIN CENTER NORMATIVE BUSINESS ETHICS WORKSHOP, WHARTON SCHOOL, UNIVERSITY OF PENNSYLVANIA
Presenter, Feb. 5, 2016 Philadelphia, PA

- Invited to present a paper on applying notions from normative ethics and corporate social responsibility to the problem of managing cyber attacks

CHAPMAN UNIVERSITY SCHOOL OF LAW
Presenter, Jan. 29, 2016 Orange, CA

- Invited to present a paper on protecting intellectual property and privacy in the digital age for this *Chapman Law Review* Symposium

ACADEMY FOR LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 8-10, 2015 Philadelphia, PA

- Presented *The Little Angel on Your Shoulder: Prompting Employees to Do the Right Thing Through the Use of Wearables* with co-author Anjanette Raymond
- Presented the winner of the ALSB Bunche Award that recognizes exceptional unpublished original legal research in the area of international business law at the conference banquet

COLLOQUIUM ON LEGAL AND ETHICAL DIMENSIONS OF PREDICTIVE DATA ANALYSIS
Author & Participant, Apr. 17-18, 2015 Bloomington, IN

- Participated in discussions, and our paper *The Little Angel on Your Shoulder: Prompting Employees to Do the Right Thing Through the Use of Wearables*—with co-authors Professors Anjanette Raymond and Timothy Fort—was presented to this leading, interdisciplinary group of predictive analytics experts

CASE WESTERN LAW SCHOOL 2015 CANADA-UNITED STATES LAW INSTITUTE CONFERENCE: THE DIGITAL BORDER
Presenter, Mar. 19-20, 2015 Cleveland, OH

- ❖ Invited to draft and present a paper on securing North American critical infrastructure focused on the 2014 NIST Cybersecurity Framework, which will appear in the *US-Canada Law Journal*

FLORIDA INTERNATIONAL UNIVERSITY LAW SCHOOL AVIATION AND SPACE LAW SYMPOSIUM
Presenter, Feb. 20, 2015 Miami, FL

- ❖ Invited by the *Florida International University Law Review* to develop a paper on cybersecurity in the aerospace sector and present it at this symposium

UNIVERSITY OF MINNESOTA LAW SCHOOL CYBERSECURITY SYMPOSIUM
Presenter, Feb. 10, 2015 Minneapolis, MN

- ❖ Invited by the *University of Minnesota Journal of International Law* to present two papers on cyber risk insurance and the intersection between free trade and Internet governance at the symposium, "International Law and the Internet: Data Security, Privacy, and Freedom of Speech"

UNIVERSITY OF MARYLAND ELEVENTH ANNUAL CYBERSECURITY FORUM
Presenter, Jan. 14, 2015 College Park, MD

- ❖ Competitively selected to present cyber risk mitigation research for this forum entitled Financial Information Systems and Cybersecurity: A Public Policy Perspective, which brings together academics, policymakers, and defense contractors in the DC area

NATO CYBERSECURITY CONFERENCE
Presenter, Dec. 17-18, 2014 Tallinn, Estonia

- ❖ Invited to present at NATO conference focusing on the economics of national cybersecurity strategies including an analysis of the benefits and drawbacks of cyber risk insurance

ACADEMY FOR LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 7, 2014 Seattle, WA

- ❖ Presented *Sustainable Cybersecurity*, co-authored with Professors Jamie Prenkert and Tim Fort
- ❖ Presented *Jury Glasses: Wearable Technology and its Role in Crowdsourcing Justice* with co-author Professor Anjanette Raymond

INTANGIBLE WEAPONS AND INVISIBLE ENEMIES: APPLYING INTERNATIONAL LAW TO CYBER WARFARE, TEXAS INTERNATIONAL LAW JOURNAL'S SYMPOSIUM
Presenter, Mar. 6-7, 2014 Austin, TX

- ❖ Invited to present cybersecutiy research and contribute a symposium paper on developing a law of cyber war and peace at this gathering of leading international cyber law scholars

PACIFIC SOUTHWEST ACADEMY OF LEGAL STUDIES IN BUSINESS MEETING
Presenter, Feb. 14-15, 2014 Palm Springs, CA

- ❖ Presented a paper on the role of the private sector in promoting cyber peace at this regional ALSB conference

2014 HUBER HURST RESEARCH IN LEGAL STUDIES AND ETHICS SEMINAR
Presenter, Feb. 8-9, 2014 Gainesville, FL

- ❖ Competitively selected to present a work-in-progress paper on the role of the private sector in enhancing cybersecurity at this intercollegiate gathering of leading business law scholars

BIG TEN AND FRIENDS BUSINESS LAW RESEARCH SEMINAR
Presenter, Nov. 15-16, 2013 Indianapolis, IN

- Invited to present a work-in-progress paper entitled *How Businesses Can Promote Cyber Peace* at this intercollegiate gathering of business law and ethics experts

ACADEMY FOR LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 8, 2013 Boston, MA

- Presented paper entitled *Governing the Final Frontier: A Polycentric Approach to Managing Space Weaponization and Debris*, which was published by the *American Business Law Journal* and won the 2013 ALSB Outstanding Proceedings Paper Award

THE VIRTUAL BATTLEFIELD: SECURING CYBERSPACE IN A WORLD WITHOUT BORDERS
Invited Speaker & Chair, Apr. 11-12, 2013 Stanford, CA

- Advised *Stanford Journal of International Law* staff on symposium topics and organization
- Introduced Keynote Speaker, Dr. Hamadoun Touré, Secretary General of the International Telecommunication Union
- Panelist on "Unpacking the Cyber Threat" presenting research on the evolving cyber threat
- Chaired panel entitled "The Promise and Pitfalls of Multilateral Cooperation for Cybersecurity" featuring Dr. Touré, Howard Schmidt (former cybersecurity coordinator for the Obama Administration), and Prof. Xiao Qiang of UC Berkeley

SWEDISH NATIONAL DEFENSE COLLEGE, INTERNATIONAL LAW CENTER
Presenter, Dec. 6-7, 2012 Stockholm, Sweden

- Invited to present on the practice and potential of state-sponsored cyber attacks under international law as part of a special symposium on the legal aspects of cyber warfare

SOUTHEAST ACADEMY OF LEGAL STUDIES IN BUSINESS
Presenter, Nov. 9, 2012 Miami, FL

- Presented research published in the *American University Law Review* on enhancing cybersecurity through polycentric governance

AMERICA THE VIRTUAL: SECURITY, PRIVACY AND INTEROPERABILITY IN AN INTERCONNECTED WORLD
Invited Faculty Participant, Oct. 25, 2012 Washington, D.C.

- Invited to participate in one-day conference on issues in cybersecurity focusing on the U.S. regulatory landscape organized by the *American University Law Review* and hosted by Hogan Lovells LLP

AMERICAN BUSINESS LAW JOURNAL INVITED SCHOLARS COLLOQUIUM
Presenter, Aug. 11, 2011 New Orleans, LA

- Competitively selected to present a paper on the role of property rights in economic development with a panel of imminent business law scholars

CENTER FOR APPLIED CYBERSECURITY RESEARCH HIGHER EDUCATION SUMMIT
Presenter, Apr. 12, 2011 Indianapolis, IN

- Invited to speak at this flagship meeting of over 150 cybersecurity professionals on the topic of catching cyber criminals and exploring ways to promote cyber peace

ROCKY MOUNTAIN ACADEMY OF LEGAL STUDIES IN BUSINESS CONFERENCE
Presenter, Oct. 8-9, 2010 Vail, CO

- Presented revised paper on liability for cyber attacks

NATO CCDCOE CONFERENCE ON CYBER CONFLICT
Presenter, June 15-18, 2010 Tallinn, Estonia

❖ Presented on the difficulties of defining liability for cyber attacks under international law

58TH INTERNATIONAL ASTRONAUTICAL CONGRESS
Presenter, Oct. 7-14, 2007 Hyderabad, India
❖ Invited to present a paper on Asian space cooperation and conflict entitled *From Asian Politics to Astropolitics: The History and Future Shape of Asian Space Policy*, which was selected for expansion in the journal *Space Policy*

SPACE EXPLORATION CONFERENCE
Presenter, Apr. 6-10, 2005 Albuquerque, NM
❖ Invited to prevent senior honors thesis on the NASA Vision for Space Exploration entitled *Go or No Go: The Future of Manned Space Flight*; participation paid for by the Indiana Space Grant Consortium

OTHER CONFERENCE PARTICIPATION

NOTRE DAME CONFERENCE ON DATA SECURITY
Speaker, Feb. 24, 2017 South Bend, IN
❖ Invited to present cybersecurity research at this interdisciplinary event co-sponsored by Notre Dame Law School, the Notre Dame Office of Digital Learning, and the Reilly Center for Science, Technology, and Values

HARVARD LAW SCHOOL BERKMAN-KLEIN CENTER
Speaker & Panelist, Oct. 24, 2016 Cambridge, MA
❖ Presented on cybersecurity best practices for executives as part of Harvard Law School's Program on Digital Security for Directors and Senior Executives

BUSINESS FIGHTS POVERTY
Speaker, Oct. 19, 2016 Cambridge, MA
❖ Gave an online presentation and answered questions from participants based on my *Business Horizons* article, "Business and Cyber Peace: We Need You!" at the invitation of Business Fights Poverty and Professor Timothy L. Fort

CAMBRIDGE CYBER SUMMIT
Participant, Oct. 5, 2016 Cambridge, MA
❖ Invited to represent the Belfer Center at this multi-stakeholder gathering of cybersecurity professionals and media representatives organized by the Aspen Institute and CNBC

COUNCIL ON FOREIGN RELATIONS NORTH KOREA ROUNDTABLE
Participant, Sept. 28, 2016 Cambridge, MA
❖ Invited to participate in a roundtable discussion marking the release of a new Council report on North Korea strategy for the next administration

NATIONAL INSTITUTE OF JUSTICE (NIJ)
Expert Participant, May 31-June 1, 2016 Washington, DC
❖ Invited by the NIJ and RTI International to participate in an expert panel co-sponsored by the RAND Corporation on the potential impact of technology to enhance or inhibit due process rights

COUNCIL ON FOREIGN RELATIONS ACADEMIC OUTREACH INITIATIVE
Participant, Apr. 14-15, 2016 New York, NY

- ❖ Invited to participate in a gathering of international security professors organized by the Council on Foreign Relations to share pedagogical best practices

IU LIFE SCIENCES DAY
***Co-organizer* & Participant**, Apr. 8, 2016 Bloomington, IN
- ❖ Helped organize an IU Life Sciences event focusing on cybersecurity in the medical device industry including lining up the keynote speaker and helping to identify potential panelists

NATIONAL INSTITUTE FOR STANDARDS AND TECHNOLOGY (NIST)
Presenter & Moderator, Apr. 6, 2016 Washington, D.C.
- ❖ Invited to present "Bottoms Up: A Comparison of 'Voluntary' Cybersecurity Frameworks" to a gathering of more than 1,000 stakeholders from industry, academic, and government
- ❖ Chaired a panel of leading experts from Japan, Italy, and Microsoft focused on the international implications of the 2014 NIST Cybersecurity Framework

CYBERSECURITY AND CHANGING NOTIONS OF POWER
Moderator, Jan. 20, 2016 Bloomington, IN
- ❖ Invited to moderate a discussion led by Vice President Fred Cate on how cybersecurity is reshaping international law and relations as part of the Center for the Study of Global Change *Global Positioning Series*

FIRST WEDNESDAYS: THE NOT-SO-PRIVATE LIVES OF HOOSIERS
Invited Faculty Expert, Dec. 2, 2015 Bloomington, IN
- ❖ Invited to participate as an expert academic in this roundtable discussion on "The Not-So-Private Lives of Hoosiers: How Technology is Threatening our Privacy," which was co-organized by the American Civil Liberties Union and the *Herald Times*

SWP CYBERLAB, EUROPEAN PARLIAMENT
Invited Faculty Expert, Nov. 18, 2015 Brussels, Belgium
- ❖ Invited by the Permanent Representative of the Federal Republic of Germany to the European Union to prepare and present an academic input statement based on my cybersecurity due diligence research to a multi-stakeholder gathering of Members of the European Parliament, along with industry, NATO, and governmental representatives

XV GLOBAL BIENNIAL CONFERENCE OF THE INTERNATIONAL ASSOCIATION FOR THE STUDY OF COMMONS
Award Winner & Participant, May 28-30, 2015 Edmonton, Canada
- ❖ Invited to participate in this global IASC conference comprised of more than 300 experts on commons governance as a winner of the 2015 Elinor Ostrom Award for Collective Governance of Common Resources

ROUNDTABLE WITH CALIFORNIA LT. GOVERNOR GAVIN NEWSOM
Participant, Nov. 17, 2014 Stanford, CA
- ❖ Invited to participate in this Hoover Institution's Leadership Forum focusing on catalyzing a dialogue between academics and state and federal policymakers, in this case with Lt. Governor Newsom in the realm of cybersecurity law and policy

COAST GUARD ROUNDTABLE DISCUSSION
Participant, Nov. 5, 2014 Stanford, CA

- ❖ Invited to participate in VADM Peter Neffenger, Vice Commandant of the Coast Guard' discussion on the Coast Guard's "Big Four" strategic themes: Energy, Climate Change Adaptation (Arctic Policy), Cyber, and Western Hemisphere Strategy

COUNCIL ON FOREIGN RELATIONS SEMINAR
Participant, Oct. 21, 2014 San Francisco, CA
- ❖ Invited to participate in "The Preventive Imperative: How America Can Avoid War and Stay Strong in the 21st Century" discussion led by John W. Vessey, senior fellow for conflict prevention and director of the Center for Preventive Action

COUNCIL ON FOREIGN RELATIONS SEMINAR
Participant, Sept. 11, 2014 San Francisco, CA
- ❖ Invited to participate in special CFR seminar discussing an independent task force's report on Non-communicable Diseases

CENTER FOR APPLIED CYBERSECURITY RESEARCH CYBERSECURITY SUMMIT
Participant, June 19, 2014 Indianapolis, IN
- ❖ Participated in discussions of this flagship meeting of over 150 cybersecurity professionals on the topic of determining the identity of cyber criminals and ways to promote cyber peace
- ❖ Worked with Professor David Delaney to craft themes and find guests

CYBERPOLITIK IN THE POST-COMMUNIST ERA: THE INTERNATIONAL POLITICS OF THE INTERNET, CYBERSPACE, AND CYBERSECURITY
Co-convenor & Moderator, Apr. 4, 2014 Bloomington, IN
- ❖ Invited to co-convene an expert gathering of cybersecurity specialists on behalf of the Russian and East European Institute

CYBER SECURITY & THE GOVERNANCE GAP: COMPLEXITY, CONTENTION, COOPERATION
Invited Faculty Participant, Jan. 7, 2014 Cambridge, MA
- ❖ Invited to participate in joint Harvard-MIT workshop on cybersecurity law and policy and its interplay with Internet governance

TENTH FORUM ON "FINANCIAL INFORMATION SYSTEMS AND CYBERSECURITY: A PUBLIC POLICY PERSPECTIVE"
Invited Faculty Participant, Jan. 8, 2014 College Park, MD
- ❖ Invited to participate in public-private workshop focusing on issues related to President Obama's February 12, 2013 Executive Order on "Improving Critical Infrastructure Cybersecurity"

NOTRE DAME AND BYU: LEADING THE WAY IN ETHICS EDUCATION CONFERENCE
Participant, Nov. 22, 2013 Notre Dame, IN
- ❖ Invited to attend sessions from practitioners and ethics scholars on increasing coverage of ethics throughout the curriculum and strategies for engaging students with ethical problems

NATIONAL INSTITUTE FOR STANDARDS & TECHNOLOGY THIRD CYBERSECURITY FRAMEWORK WORKSHOP
Participant, July 10-12, 2013 San Diego, CA
- ❖ Participated in this workshop focusing on the creation of a cybersecurity framework for firms operating critical national infrastructure as required by Executive Order 13636, focusing remarks on the international dimension of this initiative

CYBER SECURITY AFTER STUXNET, A WORKSHOP ON LAW, POLICY, & TECHNOLOGY

Invited Faculty Participant, Feb. 22, 2013 Notre Dame, IN

- Invited to speak and participate in this workshop hosted by the University of Notre Dame Law School focusing on developments in cybersecurity law and policy, including the potential for a cyber weapons treaty and its impact on business and society

NINTH ANNUAL FORUM ON FINANCIAL INFORMATION SYSTEMS AND CYBERSECURITY: A PUBLIC POLICY PERSPECTIVE

Invited Faculty Participant, Jan. 16, 2013 College Park, MD

- Invited to participate in an interdisciplinary discussion of information security risk mitigation and its public policy implications

INTERNATIONAL STUDIES ASSOCIATION ANNUAL CONFERENCE

Chair, Apr. 1-4, 2012 San Diego, CA

- Chaired panel on challenges to governments from near and afar at the largest international relations conference in the world
- Paper on developments in cybersecurity law and policy competitively selected for "Not Your Dad's Globalization: Technology and Illicit Networks" panel

ALSB NATIONAL CONFERENCE

Moderator, Aug. 10-13, 2011 New Orleans, LA

- Moderated session on corporate governance, attended presentations, and presented research

PACIFIC SOUTH WEST ACADEMY OF LEGAL STUDIES IN BUSINESS MEETING

Participant, Feb. 18-20, 2011 Palm Springs, CA

- Attended the regional conference, including participation in the Master Teacher symposium as well as academic presentations

TRI-STATE ACADEMY OF LEGAL STUDIES IN BUSINESS (ALSB) MEETING

Participant, Oct. 22, 2010 Bloomington, IN

- Attended the ALSB tri-state conference at Indiana University, including participation in the Master Teacher symposium as well as academic panels

ALSB NATIONAL CONFERENCE

Participant, Aug. 4-8, 2010 Richmond, VA

- Participated in academic presentations across a range of disciplines as well as the new faculty workshop

INTERNATIONAL INSTITUTE FOR STRATEGIC STUDIES WORKSHOP ON CYBERWARFARE

Participant, Apr. 20, 2010 London, England

- Invited to participate in roundtable discussion with leading government and industry representatives about outstanding issues in cybersecurity including the current form and future of cyberwarfare

UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

Student Observer, Dec. 7-18, 2009 Copenhagen, Denmark

- Attended the conference with Stanford professors as part of doctoral research
- Covered event for *Stanford Magazine*

UNITED NATIONS COMMITTEE FOR THE PEACEFUL USES OF OUTER SPACE (COPUOS)

Researcher, May 12-20, 2006 Vienna, Austria

- Attended COPUOS meeting to interview UN staff, as well as the UK, and U.S. delegations on space weaponization and development for doctoral dissertation

INTERNATIONAL SPACE UNIVERSITY
Participant, Dec. 9-13, 2005 Strasbourg, France
- Awarded Cambridge European Trust scholarship to interview space policymakers and academics for doctoral dissertation

INTERNATIONAL YOUTH LEADERSHIP CONFERENCE
Participant, Dec. 12-17, 2004 Prague, Czech Republic
- Indiana University's representative at this conference focusing on Bosnian war crime trials and nuclear power in Europe

VISITING SCHOLAR

- Stanford Law School (Aug. 2014 – Present)
- National Institute for Development Administration (NIDA) in Bangkok, Thailand (June 2016)
- Australian National University (Aug. 2011)

INVITED TALKS

SECURITY REGISTER
Nov. 15, 2016 Cambridge, MA
- Presented on enhancing cybersecurity within the Internet of Things focusing on security elections to this interdisciplinary industry-academic group with more than 1,200 members

INDIANA LAWYER
Oct. 25, 2016 Indianapolis, IN
- Presenter on cybersecurity trends and opportunities for a special session organized by the *Indiana Lawyer* and the Indianapolis Bar Association entitled, "Practicing Law in Indiana: Cybersecurity'

DEPARTMENT OF HOMELAND SECURITY (DHS)
Oct. 14, 2016 Seattle, WA
- Invited by the State of Washington and DHS to provide a keynote address for the kickoff of National Cybersecurity Awareness Month, which took the form of a recorded presentation on managing cyber risk in an era of big data

HARVARD DEMOCRATS
Oct. 11, 2016 Cambridge, MA
- Presented as a panelist on the topic of U.S. cybersecurity policymaking for the next President

NATIONAL INSTITUTE FOR DEVELOPMENT ADMINISTRATION (NIDA)
June 14-19, 2016 Bangkok, Thailand
- Invited to teach an MBA class, as well as a doctoral seminar, at NIDA as part of the inaugural IU-NIDA faculty exchange, which also included a research collaboration with a NIDA professor, Associate Dean Danuvasin Charoen.

IU MINI UNIVERSITY
June 13, 2016 Bloomington, IN
- Invited to teach a short course on applying lessons from the sustainable development context to managing cyber attacks entitled, "Sustainable Cybersecurity"

NATIONAL CYBERSECURITY & PRIVACY POLICY ACADEMY – COUNCIL OF STATE GOVERNMENTS

May 26, 2016 Seattle, WA

❖ Invited by the Griffith Foundation, a non-profit corporation, to present on the topic of cyber risk insrance to a gathering of more than 30 state and federal policymakers

EYSTER EXCELLENCE IN TEACHING SERIES

May 13, 2016 Bloomington, IN

❖ Invited to present pedagolgical and curricular innovations to interested Kelley faculty as part of the Kelley Cybersecurity Education Initiative

EUROPEAN PARLIAMENT

Nov. 18, 2015 Brussels, Belgium

❖ Invited to present a formal "academic input statement" summarizing my research on cybersecurity due diligence for high-level officials and Members of the European Parliament as part of a day-long event entitled, "The future of European Cyber Foreign and Security Policy: What role for the European Parliament?"

OSTROM WORKSHOP RESEARCH ROUNDTABLE

Nov. 9, 2015 Bloomington, IN

❖ Invited to present research on polycentric governance to all affiliated Ostrom Workshop researchers

KELLEY LIVING LEARNING CENTER (KLLC)

Oct. 19, 2015 Bloomington, IN

❖ Nominated to serve as a faculty presenter representing the Department of Business Law and Ethics for KLLC as part of their Professional Development Series

KELLEY CONNECT WEEK SUMMER 2015

June 1, 2015 Bloomington, IN

❖ Invited to present on the role of businesses in promoting cyber peace to a visiting group of Kelley MBA students as part of Kelley Connect Week

GREAT DECISIONS 2015

Apr. 8, 2015 Indianapolis, IN

❖ Invited to present research on cybersecurity and privacy as part of the 2015 Great Decisions Series, the nation's oldest and most popular program of citizen education in world affairs

INDIANA UNIVERSITY GLOBAL STUDIES POSITIONING SERIES

Jan. 27, 2015 Bloomington, IN

❖ Invited to present on "Cybersecurity and the Search for Global 'Cyber Peace'" as well as lead a discussion on developments in cybersecurity law and policy

STANFORD UNIVERSITY HOOVER INSTITUTION

Oct. 7, 2014 Stanford, CA

❖ Invited to present cybersecurity research along with other Stanford scholars as part of Hoover's *Tuesday Talks* series on the topic of *Managing Cyber Attacks in International Law*

INTERNATIONAL SYMPOSIUM ON SECURITY AND MILITARY LAW

Sept. 25-27, 2014 Seoul, South Korea

❖ Invited by the Officer of Judge Advocate General, Republic of Korea Army, to present on the topic of cybersecurity focusing on due diligence obligations under international law

KOREA UNIVERSITY LAW SCHOOL
Sept. 26, 2014 Seoul, South Korea
- ❖ Invited by Prof. Nohyoung Park to present on my 2014 book on cybersecurity law and policy

NATIONAL ACADEMY OF SCIENCES EMERGING WEAPONS CONFERENCE
Apr. 22, 2014 Notre Dame, IN
- ❖ Invited by the former Director of the Reilly Center at Notre Dame, Prof. Don Howard, to offer a talk on cyber ethics focusing on applying sustainable development concepts to today's cybersecurity challenges for this NAS Conference entitled, *Ahead of the Curve: Anticipating Ethical, Legal, and Societal Issues Posed by Emerging Weapons Technologies*

NOTRE DAME LAW SCHOOL
Apr. 22, 2014 Notre Dame, IN
- ❖ Invited to present research on Internet governance to Prof. Doug Cassel's course on corporate social responsibility

HARVARD BUSINESS REVIEW (HBR)
Apr. 16, 2014
- ❖ Invited (along with Andrew Proia of the IU Center for Applied Cybersecurity Research) by the *Harvard Business Review* and TrendMicro to offer a webinar to an audience of more than 1,000 business managers on the impact of the 2014 NIST Cybersecurity Framework on shaping a cybersecurity standard of care entitled, *Aggressive and Persistent: Using Frameworks to Defend Against Cyber Attacks*

NOTRE DAME INSTITUTE FOR ADVANCED STUDY
Nov. 13, 2013 Notre Dame, IN
- ❖ Invited to present research on analogizing lessons from the sustainability movement and how they may be applied to mitigate contemporary cybersecurity challenges to a distinguished group of interdisciplinary scholars

KELLEY INFORMATION MANAGEMENT AFFILIATES PROGRAM
Nov. 1, 2013 Bloomington, IN
- ❖ Invited to present cybersecurity and privacy research to a gathering of IT exectuives at the Director level for this Kelley initiative

STATE OF HAWAII CYBER SECURITY SYMPOSIUM
Oct. 18, 2013 Honolulu, HI
- ❖ Invited to present on managing cyber risk to headline Hawaii's cybersecurity awareness month activities and the installation of their new IT Security Department management team

UNIVERSITY OF NOTRE DAME WAR & PEACE COLLOQUIUM
Oct. 3, 2013 Notre Dame, IN
- ❖ Invited to offer a lecture entitled *Cyber War and Peace* for Professor Carolyn Nordstrom's war and peace colloquium series

NOTRE DAME INSTITUTE FOR ADVANCED STUDY
Sept. 17, 2013 Notre Dame, IN
- ❖ Presented research stemming from my doctorate focusing on strategies to govern the global commons in the twenty-first century to a distinguished group of interdisciplinary scholars

HARVARD BUSINESS REVIEW
June 25, 2013

- ❖ Invited to offer a webinar on implementing cybersecurity best practices to manage the multifaceted cyber threat to the private sector to an audience of executives organized by HBR

INTERNATIONAL TELECOMMUNICATION UNION WORLD SUMMIT ON THE INFORMATION SOCIETY FORUM 2013

May 15-17, 2013 Geneva, Switzerland

- ❖ Invited to present on the role of international law in enhancing cybersecurity as part of a multi-stakeholder panel that included representatives from academia, governments, industry, and the UN with over 1,300 participants in residence
- ❖ Participated in International Multilateral Partnership Against Cyber Threats briefing focusing remarks on capacity building measures to enhance cybersecurity in developing countries
- ❖ Participation generously funded by a grant from the Center for Applied Cybersecurity Research

INDIANA UNIVERSITY MAURER SCHOOL OF LAW

Apr. 9, 2013 Bloomington, IN

- ❖ Participated as a judge in a mock international arbitration and discussed career trajectories

INDIANA COUNTER PROLIFERATION TASK FORCE

Nov. 20, 2012 Indianapolis, IN

- ❖ Invited to present on best practices in information security for 70+ representatives from companies including Lilly, Roche, Cummins, and Dow Agro Sciences as part of the FBI-sponsored session, "Protecting Your Company Inside and Out: Insider Threats and Export Issues"

INDIANAPOLIS BAR ASSOCIATION

Oct. 16, 2012 Indianapolis, IN

- ❖ Invited to present research on U.S. and comparative cybersecurity law and policy in this continuing legal education luncheon entitled, "Recent Developments in Cyber Security and Data Protection Law in the U.S. and Europe"

IU MINI UNIVERSITY

June 18, 2012 Bloomington, IN

- ❖ Invited to teach a short course on developments in cybersecurity law and policy entitled, "Cyber Peace: Countering Cyber Attacks around the World"

CROATIAN CHAMBER OF COMMERCE

May 29, 2012 Zagreb, Croatia

- ❖ Presented research on corporate cybersecurity best practices n to a cross-section of business leaders and academics

GREAT DECISIONS 2012

May 1, 2012 Bloomington, IN

- ❖ Invited to present research on cybersecurity as part of the 2012 Great Decisions Series, the nation's oldest and most popular program of citizen education in world affairs, at Meadowood Retirement Community

JOHN J. REILLY CENTER, UNIVERSITY OF NOTRE DAME

April 23, 2012 Notre Dame, IN

- ❖ Featured at a special two-hour Reilly Forum on the topic of cyber war and peace, which brought together cybersecurity experts from across the Notre Dame community

GOVERNMENT OF AUSTRALIA, PRIME MINISTER AND CABINET OFFICE
August 24, 2011 Canberra, Australia

- Met with the Prime Minister of Australia's national security team and presented cybersecurity research about national best practices aimed at securing cyberspace and building effective public-private partnerships to protect critical national infrastructure

GOVERNMENT OF AUSTRALIA, DEPARTMENT OF FOREIGN AFFAIRS AND TRADE (DFAT)
August 24, 2011 Canberra, Australia

- Invited to present research on strategies for enhancing national cybersecurity to specialists from different departments including the Office of the Attorney General
- Research later cited in DFAT presentations and publications

AUSTRALIAN NATIONAL UNIVERSITY (COLLEGE OF BUSINESS AND ECONOMICS
August 23, 2011 Canberra, Australia

- Gave invited presentation on the risk of cyber attacks to the private sector and how to manage them better to a cross section of faculty and researchers from across campus as well as several Australian government ministries

INDIANA UNIVERSITY MAURER SCHOOL OF LAW, CYBERSECURITY LAW & POLICY
February 24, 2011 Bloomington, IN

- Guest lectured on the topic of the use of force in cyberspace

INDIANA UNIVERSITY, LAMP L-216 BLACK MARKETS, SUPPLY AND DEMAND
Oct. 12, 2010 Bloomington, IN

- Guest lectured on the subject of cyber attacks generally and cybercrime in particular

BLOOMINGTON ROTARY CLUB
Oct. 5, 2010 Bloomington, IN

- Gave presentation on current cybersecurity research and introduced former Dean of the Kelley School of Business, Dan Smith

SCOTT POLAR RESEARCH INSTITUTE, UNIVERSITY OF CAMBRIDGE
Mar. 2, 2010 Cambridge, England

- Invited to present doctoral research on the status of continental shelf claims in the Arctic, and the current state of the law of the sea in managing offshore resources

UNIVERSITY OF CAMBRIDGE CENTER FOR LATIN AMERICAN STUDIES
February 25, 2010 Cambridge, England

- Presented on the Antarctic Treaty at fifty years and the future of the Antarctic legal regime with special attention to recent claims on the outer continental shelf through the United Nations Convention on the Law of the Sea Article 76

INDIAN INSTITUTE OF INTERNATIONAL LAW
June 25, 2007 New Delhi, India

- Invited to present on research relating to a comparative analysis of the alternative dispute resolution systems in India and the United States entitled, *In the Name of Efficiency: The Role of Permanent Lok Adalats in the Indian Justice System and Power Infrastructure*

MEDIA COVERAGE OF RESEARCH

- Kris Turner, *Indiana Businesses Targeted as Ransomware Viruses Spread across U.S.*, INDY STAR (Aug. 15, 2016), http://www.indystar.com/story/money/2016/08/15/indiana-businesses-targeted-ransomware-viruses-spread-across-us/88404142/.
- *DHS Seeks to Protect U.S. Election Infrastructure - But Is That Even Possible?:* BRADCAST (Aug. 4, 2016), http://bradblog.com/?p=11790.
- *Indiana University Experts Available to Discuss Issues Surrounding 2016 Summer Olympics*, IU NEWSROOM (Aug. 2, 2016), http://www.publicnow.com/view/F0A7327B5B4212C9F22D8F4E9AB9E988C240BC4D?2016-08-02-17:01:25+01:00-xxx2080.
- Rachel Weiner & Lynh Bui, *Man Arrested After Twitter Threats are Made Against U.S. Senators*, WASHINGTON POST (June 29, 2016), https://www.washingtonpost.com/local/public-safety/man-arrested-for-threatening-us-senators-on-twitter/2016/06/29/127f1042-3e00-11e6-80bc-d06711fd2125_story.html.
- Anne Halliwell, *ACLU Presents Panel on Privacy Rights*, INDIANA DAILY STUDENT (Dec. 12, 2015), http://www.idsnews.com/article/2015/12/aclu-presents-panel-on-privacy-rights.
- Eric Geller, *The Global Struggle to Prevent Cyberwar*, DAILY DOT (Sept. 30, 2015), http://www.dailydot.com/politics/cyberwar-international-law-russia-china/.
- Chris J. Castelli, *DOD Rule Will Boost Industry Requirements, Provide Cloud Model*, INSIDE CYBERSECURITY (Aug. 27, 2015).
- Duda Teixeira, *O 7X1 DOS ESPIÕES CHINESES*, VEJA (June 17, 2015) (feature article in *Veja* (www.veja.com), the second biggest printed magazine in the world, just after Time, with some 9 million readers).
- Chris J. Castelli, *House Panel's Proposed Cybersecurity Liability Shield for Contractors Spurs Legal Debate*, INSIDE CYBERSECURITY (Apr. 30, 2015).
- Ellen Chang, *Net Neutrality Decision Could Mean More Big Brother Oversight*, MAIN STREET (Feb. 27, 2015), http://www.mainstreet.com/article/net-neutrality-decision-could-mean-more-big-brother-oversight.
- Lauren Walker, *Snowden on Cyberwar: America Is Its Own Worst Enemy*, NEWSWEEK (Jan. 21, 2015), http://www.newsweek.com/snowden-cyber-war-america-its-own-worst-enemy-301175.
- Haley Hinkle, *Cybersecurity Proposal Presents Opportunity for Bipartisanship*, MEDILL ON THE HILL (Jan. 21, 2015), http://medillonthehill.net/2015/01/cybersecurity-proposal-presents-opportunity-for-bipartisanship/.
- *'Shame Factor' Hampering Cyberinsurers*, NEWS AT SMITH (Jan. 16, 2015), http://www.rhsmith.umd.edu/news/shame-factor-hampering-cyberinsurers.
- Colin Daileda, *If the Sony Hackers are North Korean, Good Luck Prosecuting*, MASHABLE (Dec. 19, 2014), http://mashable.com/2014/12/18/north-korea-sony-hack-law/.
- Joseph Marks, *Home Depot Breach – Will Heads Roll?*, POLITICO (Sept. 25, 2014), https://www.politicopro.com/go/?id=38773.
- Andrew Conte, *Case of Ukrainian Wanted in W.Pa. Spotlights Difficulty of Hacker Fight*, PITTSBURG TRIBUNE-REVIEW (Sept. 11, 2014).
- Andrew Conte, *Identifying Cyber-Criminals is No. 1 Challenge, Lawyer Says*, PITTSBURG TRIBUNE-REVIEW (July 21, 2014).

- Chris J. Castelli, *Attorneys: Cybersecurity Framework Could Have Big Impact on Negligence Law*, INSIDE CYBERSECURITY (July 8, 2014) (feature article, most visited posting for early July 2014).
- *Law Journal Article Examines NIST Framework's Role in Duty of Care*, INSIDE CYBERSECURITY (June 10, 2014), http://insidecybersecurity.com/Cyber-Daily-News/Daily-Briefs/law-journal-article-examines-nist-frameworks-role-in-duty-of-care/menu-id-1075.html
- *Cyber Espionage Indictment of Chinese Officials: IU Experts Comment*, IU NEWS ROOM (May 19, 2014) http://info.law.indiana.edu/releases/iu/2014/05/china-cyber-spying.shtml.
- Marilyn Odendahl, *Law Firms Should be Concerned About Cybersecurity*, INDIANA LAWYER (May 7, 2014), http://www.theindianalawyer.com/the-hackers-are-already-here/PARAMS/article/34092.
- *IU Professor Authors Book on Cybersecurity and the Search for 'Cyber Peace*,' IU NEWS ROOM (Apr. 12, 2014), http://news.indiana.edu/releases/iu/2014/08/managing-cyber-attacks.shtml.
- Dan Human, *Company Conducts 'Global Warfare' Against Invisible Cyber Threats*, INDIANAPOLIS BUSINESS JOURNAL (Mar. 29, 2014).
- Valentina Pasquali, *Cover: The Untold Cost of Cybersecurity*, GLOBAL FINANCE (May 2013), http://www.gfmag.com/archives/175-may-2013/12482-cover-growing-threat-the-untold-costs-of-cybersecurity.html#axzz2SPH89Pma.
- Erika Morphy, *Senate Tosses Cybersecurity Ball to Obama's Court*, TECH NEWS WORLD (Nov. 15, 2012), http://www.technewsworld.com/story/76646.html (interviewed on the benefits and drawbacks of cybersecurity legislation being debated in Congress).
- Jerry Brito, *Scott Shackelford on Cybersecurity and Polycentric Governance*, SURPRISINGLY FREE (Oct. 9, 2012), http://surprisinglyfree.com/2012/10/09/scott-shackelford/ (research featured in weekly podcast out of George Mason University exploring issues of technology and public policy).
- *You Are Here: The Galactic Era*, WERS (Sept. 2, 2012), http://wers.org/2012/09/02/the-galactic-era/ (interviewed on Boston-based public affairs radio show about my research regarding the common heritage of mankind concept).
- Serena Dai, *What Would a Cyberwar Really Look Like?*, ATLANTIC WIRE (July 27, 2012), http://www.theatlanticwire.com/national/2012/07/what-would-cyberwar-really-look/55098/.
- *Scott J. Shackelford: How to Enhance Cybersecurity and Create American Jobs*, TOPNEWSTODAY.ORG (July 16, 2012) (piece also covered on World News and Topix among other outlets).
- *Civil Liberties Groups See Holes in Cyber Defense Bill*, NPR (Apr. 28, 2012) http://m.npr.org/news/U.S./151603533.
- *Stanford Law Review Online: In Search of Cyber Peace*, FORBES (Mar. 12, 2012), http://specials.forbes.com/article/0gUAax659SdnV (piece also covered by Concurring Opinions, FindLaw, sobeQ.org, Cyber Crimes Unit, Digital Rights Watch, C-SPAN, and the Center for Strategic and International studies, as well as being included in the NATO Cyberspace Security Library).
- IU Institute for International Business, CIBER Focus Interview, *Cyber Peace: Counting Cyber Attacks in International Law, Business, and Relations*, http://www.indiana.edu/~ksbmedia/dynamic/launchflash.html?format=mp4&folder=ksbmedia/GLN/2012/1Q&filename=cyberSecurity_20120119_ciberFocus.

- *Center for Applied Cybersecurity Research Spotlight: Are Cyberattacks Acts of War?*, http://cacr.iu.edu/spotlight/22 (last visited Nov. 8, 2011).
- *Experts Respond to Defense Department Cyber Strategy*, NEWSWISE (July 15, 2011), http://www.newswise.com/articles/experts-respond-to-defense-department-cyber-strategy.
- *'Act of War' Treatment of Cyber-Attacks Fails to Answer Harder Questions: IU Experts*, KELLEY ON TOPIC (June 2, 2011), http://info.kelley.iu.edu/news/page/normal/18778.html.
- *2011 Sustainability Course Development Fellowship recipients announced*, IU NEWS ROOM (May 20, 2011), http://newsinfo.iu.edu/news/page/normal/18645.html.
- *Cyber War and Peace (And Zombies)*, 1 KELLEY ON TOPIC 5 (2011).
- Erik Holm, *Cyber Attack*, MEDIEHUSET INGENIØREN (Denmark) (Jan. 14, 2011), http://ing.dk/.
- Bruce Horowitz, *Do Not Track May Not be Big Deal to Some Internet Users*, USA TODAY (Dec. 3, 2010), http://www.usatoday.com/tech/news/2010-12-03-adreact03_ST_N.htm.
- *Cybersecurity Oversight Under New Scrutiny: One-on-One with Scott Shackelford*, KELLEY MAGAZINE, Winter 2011, at 17.

PROFESSIONAL EXPERIENCE

HOGAN LOVELLS LLP
Summer Associate, (May 2008-July 2008) Washington, D.C.
- Wrote memoranda and attended International Trade Commission hearings on antidumping in international trade law
- Helped draft notice and comment on proposed Department of Interior regulation on allowing concealed handguns in national parks resulting in D.C. District Court granting a preliminary injunction
- Conducted contract interpretation regarding natural gas pipelines for project finance group

FREEDOM NOW
Advocate, (July 2008-July 2010) Washington, D.C.
- Drafted press releases and wrote petition to the U.N. Working Group on Arbitrary Detention for an arbitrarily detained Peruvian doctor for this non-profit, non-partisan organization working to free prisoners of conscience worldwide

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA), OFFICE OF GENERAL COUNSEL
Clerk, (July 2007-June 2008) Mountain View, CA
- Worked with Chief Counsel of NASA Ames and wrote memoranda on proposed public-private partnerships in developing small spacecraft; reviewed outgoing patents from NASA scientists; helped plan summer symposium involving international space policy students attending school at NASA Ames

STANFORD UNIVERSITY, PROFESSOR LAWRENCE FRIEDMAN
Research and Teaching Assistant, (Dec. 2006-June 2009) Stanford, CA
- Researched and wrote on topics in the history of American law including the evolution of guardianship law published by the *American Journal of Legal History*, and a comparative analysis of privacy rights for public figures which won the Stanford Steven Block Civil Liberties Award

STANFORD UNIVERSITY, PROFESSOR NORMAN SPAULDING
Research Assistant, (Dec. 2006-Jan. 2009) Stanford, CA

- Prepared literature review on the cognitive science of legal reasoning, in particular whether arguing against oneself impacts upon an advocate's cognitive dissonance, as well as larger issues of legal ethics

STANFORD ENVIRONMENTAL LAW CLINIC
Advanced Student, (Jan. 2008-Jan. 2009) Stanford, CA

- Drafted NAFTA petition on the impact of oil and gas exploration in the Chukchi Sea on the gray whale population; co-wrote report on the water law of Namibia and the environmental effects of uranium mining published by the Stanford Law School Mills Law Clinics

INSTITUTE FOR PEACE AND CONFLICT STUDIES
National Security Education Program Boren Fellow, (May-July 2007) New Delhi, India

- Conducted research on alternative dispute resolution as part of the United Nations Development Program Access to Justice initiative

SAN MATEO LEGAL AID SOCIETY
Co-Creator, Stanford Elder Law Project, (Jan. 2007-May 2007) San Mateo, CA

- Interviewed at-risk elderly; wrote briefs on consumer fraud, elder abuse, and public health benefits for the disabled, especially relating to public senior housing in San Mateo

MONROE COUNTY CIRCUIT COURT
Judicial Extern to Honorable Judge Randy Bridges, (May-Aug. 2005) Bloomington, IN

- Drafted bench memoranda and assisted in writing opinions related to criminal law

CYBERSECURITY CONSULTING

- ***Senior Cybersecurity Consultant*, International Telecommunication Union**: Responsible for leading a multi-stakeholder project based at Indiana University assessing worldwide cybercrime laws and their effectiveness at mitigating cyber attacks
- ***Listed Expert*, COMNET**: Included in list of leading experts in this British Commonwealth cybercrime initiative
- ***Expert Reviewer*, ITU GLOBAL CYBERSECURITY INDEX & CYBERWELLNESS PROFILES**: Asked to be first expert to review methodology in a major project designed to rank all nations according to their cybersecurity readiness

SERVICE TO INDIANA UNIVERSITY

- Director, Ostrom Workshop Program on Cybersecurity and Internet Governance (2016-)
- Developer, IU-Bloomington Proposal for an M.S. Degree in Cybersecurity Risk Management, University Graduate School (2015-16)
- Elected Member, Kelley School of Business Representative to the Bloomington Faculty Council (BFC) (2015-17)
- IU Representative, UN Global Cybersecurity Index Initiative (2016-)
- Directed Reading Mentor, Jeffrey Haut (Maurer School of Law) (2016)
- Member, Ostrom Workshop Colloquium Committee (2016-17)
- Conflict of Interest Beta Test Participant, Office of the Vice President and General Counsel (2016)
- Member, BFC Child Care Coalition (2014-16)
- Judge, Kelley Connect Week Case Competition (July 29, 2016)
- Judge, Kelley Connect Week Case Competition (June 10, 2016)
- Member, Cross-Campus Graduate Security Studies Committee (2014-15)

- Member, Kelley Research Policy Committee (2015-16)
- Faculty Lead, IU Cybersecurity Certificates Website (cybercertificates.indiana.edu) (2015)
- Content Creator, Kelley Certificate in Cybersecurity Management Website (2015)
- Member, Information Systems Graduate Program Policy Committee (2015-16)
- Member, European Studies Advisory Board (2015-16)
- Member, Center for the Study of Global Change Advisory Board (2015-16)
- Mentor, IU Sustainability Scholars 2020 Program (2015-16)
- Faculty Participant, Liberal Arts Management Program (LAMP) Graduation Ceremony (May 6, 2016)
- Invited Participant, Ethics in the National Security Profession Workshop (June 30, 2015)
- Organizer & Proctor, International Association of Privacy Professionals Certification for IU MSIS Students (June 26, 2015)
- Primary drafter, Kelley Certificate in Cybersecurity Management (*passed by the Academic Council and Kelley faculty in Spring 2015*)
- Member, Faculty Search Committee, Department of International Studies in Security Studies (2014-15)
- Faculty Participant, Kelley Direct Admit Weekend (Feb. 27, 2015)
- International Studies Mentor, Senior Thesis, Catherine Krege (2015)
- International Studies Mentor, Senior Thesis, Kenneth Brooks (2015)
- Co-organizer, Cyberspace 2025: Today's Decisions, Tomorrow's Terrain (Mar. 6, 2015)
- Participant, MSIS Alumni Event (San Francisco, Nov. 9, 2014)
- Member, Resource Use and Recycling Working Group (2014-15)
- Advisor, IU Goethe Link Observatory Working Group (2014-Present)
- Faculty Coordinator, X576 Emerging Markets Trip to Turkey and Georgia (2014-15)
- Co-convener, Russia and East European Studies Post-Communist Round Table focusing on cybersecurity law and policy developments in Eastern Europe and Central Asia (2014)
- Faculty Participant, Kelley MSIS Celebration (May 10, 2014)
- Judge, Kelley Connect Week Second Year Case Competition (2014)
- Distinguished Campus Catalyst Award Judge (2013) – Annual IU Sustainability Awards
- Dissertation Committee, Constituent Member, Bari Bendell (July 2013)
- Graduate Faculty, University Graduate School, Indiana University (June 2013-Present)
- Faculty Participant, Kelley MSIS Celebration (May 4, 2013)
- Faculty Participant, Kelley Senior Recognition Ceremony (May 3, 2013)
- Faculty Participant, National Institute for Development Administration (NIDA) visits to IU (Apr. 5, 2013; Aug. 4, 2014)
- Faculty Elector, Phi Beta Kappa (2012-Present)
- Faculty Coordinator, X576 Sustainability in Emerging Markets MBA course and trip to Indonesia (2013)
- Member, Kelley/International Graduate Business School in Zagreb, Croatia Academic Council (2013-Present)
- Planning Committee Member, IU Center for Applied Cybersecurity Research summit on cybersecurity challenges facing the next President (Oct. 29, 2012)
- Member, Campus Sustainability Advisory Board, Transportation Working Group
- Faculty Participant, Phi Alpha Delta Health Professions and Pre-Law Center Etiquette Dinner (2013)
- International Studies Mentor Program (September 2012-Present)

- Faculty Participant, Freshman Induction (August 15, 2012)
- Faculty Instructor, IU Mini University (June 18, 2012), taught—Cyber Peace: Countering Cyber Attacks around the World
- Faculty Participant, IU Commencement Ceremony (May 2012)
- Faculty, Kelley Emerging Markets Trip to China (Mar. 2012)
- Member, Bloomington Faculty Council Constitution and Rules Committee (2011-2012, 2012-2013)
- Faculty Mentor, University Division Students (2011-12)
- Participant, 2011 Course Development Institute for L302: Sustainability Law and Policy
- Member, Department of Business Law and Ethics Simulation Committee (2013)
- Member, Department of Business Law and Ethics Curriculum Review Committee (2013-14)
- Presenter, Department of Business Law and Ethics Research Workshop Committee (2011-14); Organizer, 2012-13
- Faculty Mentor, Kelley Cox Scholars Program (2010-12)
- Judge, Emerging Markets Case Competition (Feb. 11, 2012)
- Judge, Undergraduate Ethics Case Competition (Mar. 26, 2011)

GRANTS

- Principal Investigator, "The IU Cybersecurity Scholarship Program: Preparing the Next Generation of Cybersecurity Professionals," with co-PIs Prof. Fred Cate, Prof. Steven Myers, and Von Welch. Proposal Number: 1565470. Agency: National Science Foundation. Total Budget Requested: $4,058,808.00.
- Principal Investigator, "The Shareable Cybersecurity Clinic Toolkit: A Model for Applied, Interdisciplinary, and Portable Cybersecurity Collaboration," with co-PIs Prof. Fred Cate, Prof. Steven Myers, and Von Welch. Proposal Number: 1623456. Total Budget Requested: $500,000.00.

COMMUNITY SERVICE

HOOSIER HILLS FOOD BANK
Board Member, (Dec. 2010-Present) Bloomington, IN
- Elected to the Board of Directors for the Hoosier Hills Food Bank, serving local agencies and providing direct service to needy families in South-Central Indiana
- Asked to serve on the finance and accounting subcommittee

TIMMY FOUNDATION
Development Officer, (Apr.-Oct. 2005) Indianapolis, IN & Quito, Ecuador
- Led a trip of 25 volunteers and two physicians to Quito for community service and health screenings
- Composed 2005 Timmy Foundation Annual Report, a nonprofit foundation with assets of more than $1 million

AREA 10 AGENCY ON AGING
Public Relations Specialist, (May 2002-May 2005) Ellettsville, IN
- Published over 50 articles in the *Indianapolis Star*, *Spencer Evening World*, *Ellettsville Journal*, and *Herald Times*; created brochures, commercials, wrote grants and negotiated marketing contracts

PROFESSIONAL SERVICE

- Chair, American Bar Association Corporate Social Responsibility Task Force Publications Committee (2014-Present)
- Expert Peer Reviewer, *Tallinn 2.0 Manual* (2016)
- Reviewer, University of Illinois Critical Infrastructure Resilience Institute Grant Program (2016)
- Reviewer, Department of Homeland Security Cybersecurity Critical Infrastructure Center of Excellence Competition (2014-15)
- Reviewer, Fulbright Junior Advanced Research Award (2016)
- President, International Law Section, Academy of Legal Studies in Business (2015-16)
- Vice President, International Law Section, Academy of Legal Studies in Business (2014-15)
- Secretary, International Law Section, Academy of Legal Studies in Business (2013-14)
- Expert Adviser, RAND Corporation Industrial Espionage Study (2015)
- Expert Adviser, Florida Cybersecurity Initiative (2015)
- Co-organizer, Malta Internet as a Global Public Resource Conference (Apr. 2015)
- Content Consultant, *Big Data and Privacy Rights* (M. M. Eboch, Abdo Publishing, 2016)
- Invited Expert Adviser, Election Verification Network (2016-Present)
- Reviewer (Article), *Global Governance: A Review of Multilateralism and International Organizations*
- *Reviewer*, *International Journal of the Commons*
- Reviewer, *Security Studies*
- Reviewer, *Georgetown Journal of International Affairs*
- Reviewer, *American Business Law Journal*
- Reviewer, *European Journal of International Law*
- Reviewer, *Jurimetrics*
- Submissions Chair, Ralph Bunche Award (2015)
- Reviewer, Academy of Legal Studies in Business Ralph Bunche Award (2014)
- Reviewer, Cambridge University Press
- Reviewer, Elsevier Press
- Reviewer, Brill Nijhoff Publishers
- Reviewer, George Mason University Mercatus Center
- Editorial Board, *Journal of Space Law and Policy* (2014-Present)
- Participant, Institute of Electrical and Electronics Engineers Cybersecurity Committee
- Scholar, Global Internet Governance Academic Network (GigaNet)

PROFESSIONAL MEMBERSHIPS

- Term Member, Council on Foreign Relations
- Member, Academy of Legal Studies in Business
- Member, American Society of International Law
- Member, American Political Science Association
- Member, American Bar Association

BAR ADMISSION

California (2013) (*Inactive*)

SCIENCE WRITING

FREELANCE SCIENCE WRITER (Oct. 2006-Present)

- Wrote pieces on topics in astronomy, space exploration, and astrophysics for outlets such as *Stanford Magazine* and the *Indiana Alumni Magazine*

INDIANA UNIVERSITY MEDIA RELATIONS

Science Writer Intern, (May-Oct. 2005) Bloomington, IN

- Reported on stories pertaining to space, energy, health and transportation policy as well as foreign affairs

INDIANAPOLIS STAR

Reporter Intern, (Aug. 2000-Aug. 2001) Indianapolis, IN

- Researched and wrote bi-weekly articles publicizing community events in Indianapolis

ADDITIONAL INFORMATION

- Proficient in Spanish, and have taken coursework in Hindi and Mandarin; science journalist; marathon runner; avid kayaker, and jazz trumpet player.